4. सूरत	. . .	6,000 लाइनों का इलेक्ट्रानिक एक्सचेंज
5. बड़ोदरा	. .	10,000 लाइनों का इलेक्ट्रानिक एक्सचेंज
6. कोदीनार	. .	400 लाइनों का इलेक्ट्रानिक एक्सचेंज

इनके अलावा 7वीं योजना अवधि के दौरान अहमदाबाद, राजकोट, सूरत और बड़ोदरा में डिजिटल इलेक्ट्रानिक टाइप के ट्रंक आंटी एक्सचेंज तथा अहमदाबाद में एक इलेक्ट्रानिक टेलेक्स स्थापित करने का प्रस्ताव है।

Upgrading the communications system

757. DR. SHYAM SUNDEK MOHAPATRA; Will the Minister of COMMUNICATIONS be pleased to state:

(a) whether any modernisation scheme has been taken up by his Ministry for upgrading the communications system in the country at par with developed countries; and

(b) if so, the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF COMMUNICATIONS (SHRI RAM NIWAS MIRDHA); (a) nnd (b) Department of Telecommuni cations has drawn up schemes to modernize and upgrade the communications system within the limited resources made available to it. The schemes of modernisation include substantial digitalisation of local switching network, long distance switching and transmission network and telex exchanges, during for under ground cables, induction of PCM on cable, microwave and fibre optic media in local junction network, computeri sation of trunk exchanges, installation of integrated digital network in rural areas, further expansion of satellite services and greater use of store and forward techniques in telegraph services.

डाकघरों का कम्प्यूटरीकरण

758. **श्री राम चन्द्र विकल** : क्या संचार मंत्री यह बताने की कृपा करेंगे कि :

(क) क्या यह सच है कि देश के डाकघरों में शीघ्र ही कम्प्यूटर लगाए जाने की संभावना है ;

(ख) क्या डाकघरों में कम्प्यूटर प्राधिमानक्रम के अनुसार लगाए जाएंगे ; और

(ग) यदि हां, तो प्राधिमानक्रम के निर्धारण के लिए मापदण्ड क्या होंगे ?

संचार मंत्रालय के राज्य मंत्री (श्री राम निवास मिर्धा) : (क) डाकघरों में कम्प्यूटर चालू करने का फिलहाल कोई प्रस्ताव नहीं है। पोस्टमास्टर जनरल के कार्यालयों में जीवन बीमा अनुभाग में डाक जीवन बीमा का कार्य के लिए एक कम्प्यूटर लगाया जा रहा है। मद्रास में सर्किल मनीआर्डरों का मिलान करने के लिए तथा दिल्ली में मनीआर्डर कार्य और अंतर्राष्ट्रीय डाक लेखा कार्य करने के लिए कम्प्यूटर लगाने की परियोजनाओं को अंतिम रूप दिया जा रहा है। ये कम्प्यूटर डाकघरों में नहीं होंगे।

(ख) और (ग) प्रश्न ही नहीं उठते।

Demand for telephone and telex connections in Delhi and Bombay

759. SHRI KAPIL VERMA. Will the Minister of COMMUNICATIONS be-pleased to state:

(a) what is the pending demand for new telephone and telex connections in Delhi and Bombay and what is the expected growth in the next five years and how far the new metropolitan districts corporation will be able to 'meet this demand 'according to the present plans;

(b) whether the telephone tariffs ar$_e$ proposed to be raised in the B&ar future to augment the corporation's revenues; if so, what are the details thereof; and

(c) what steps are being taken to improve the working of telephone and telex system?

THE MINISTER OF STATE OFTHE MINISTRY OF COMMUNICATIONS (SHRI RAM NIWAS MIRDHA); (a) The pending demand for new telephone and telex connections as on 31-12-85 is as under:

	Telephone	Telex
Delhi	1,52,224	Nil
Bombay	1,83,589	955

The telephone demand is likely to grow as under:

	Existing Demand as on 31/12/1985 (Working connections & Waiting lists)	Estimated demand by 1990
Delhi	4,38,390	7,07,850
Bombay	6,09,703	10,63,800

Similarly, the telex demand is likely to grow as per following:

	Existing demand as on 31-12-85	Estimated demand by 1990
Delhi	5,566	9,000
Bombay	8,007	15,000

As per the present plans, 96,000 lines of local switching equipment capacity in Delhi and 1,32,000 lines local switching capacity in Bombay, is proposed to be added during the Vtn Plan period to meet the telephone demand partially. Similarly, 4,200 lines and 7.000 lines of telex capacity is proposed to be added at Delhi and Bombay respectively during the 7tn flan period.

The Metropolitan Telephone Corporation is proposed to be authorised to raise additional funds through public borrowing. Additional telephone switch'ng capacities will be commissioned to the extent of the availability r' additional funds.

(b) No, Sir.

(c) The following steps are proposed to be taken to improve the telephone systems of Delhi and Bombay:—

ti) Replacement of life-expired and worn out telephone exchanges and provision of adequate spares for maintenance of serviceable equipment;

(ii) Improvement and expansion of inter-exchange junction p«twork with provision of cable PCI* cad microwave systems;

(iii) Rehabilitation of the external plant which is the weakest link of the system; by use of jelly filled cables, Pressurisation of dry cables, providing ducts, formation of pubiic utility coordination Boards in major cities and towns;

(iv) Increasing the capacities of electronic trunk automatic exchanges and phasing out the Pentaconta cross bar trunk automatic exchange equip ment which is responsible for large scale failure of STD calls;

(v) Increasing the capacities of inter-metre transmission media" and provision of adequate channeling equipment.

(vi) Computerisation of som, the important auto-manual services like directory enquiry and trunk booking/enquiry.

(vii) Augmenting and improving the telex network.

Waiting list of telephones in Madras

760. SHRI R. MOHANARANGAM: Will the Minister of COMMUNICATIONS be pleased to state;

(a) the number of cases pending for installing new telephone connections in Madras City and the reasons for the delay in providing the ir telephone connections; and

(b) whether any concrete steps have been taken to see that in all the pending cases new telephones in Madras City are completely installed?

THE MINISTER OF STATE OF THE MNISTRY OF COMMUNICATIONS (SHRI RAM NIWAS MIRDHA): (a) The number of cases pending for installing new telephone connections in Madras City as on 31-12-1985 is 36,653.

New Telephone connections to clear the waiting list could not be provided as sufficient spare capacity is not available in the telephone exchanges.

(b) Yes, Sir. The existing tele* phone exchanges are being expanded wherever feasible and new exchanges installed to clear the pending cases progressively, depending on the avail, ability of resources.

Action plan of telecommunications

761. SHRI DHULESHWAR MEENA: Will the Minister of COMMUNICATIONS be pleased to state.-

(a) whether the Department of Telecommunications have finalised an action plan for each telephone district in the country with clear targets and details of inputs and organisational requirements;

(b) if so, the broad details of the action programme envisaged with particular reference to the telephone districts in Rajasthan; and

(c) the; proposed improvementg likeiy to follow as a result of implementation of the action programme?

THE MINISTER OF STATE OF THE MINISTRY OF COMMUNICATIONS (SHRI RAM NIWAS MIRDHA); (a) Action plans are in the process °f finalisation with a view to improve customer satisfaction.

(b) and (c) The mam areas being covered are:

(i) Improve customer interface, remove irritants and simplify rules.

(ii) IRieduce fault incidence and improve call success rates

(iii) Improve access to public utility information and enquiry services.

(iv) Improve accessibility to telephone network by augmenting the number of public telephones.